

Appl. No. 10/065,655
Amdt. dated May 06, 2005
Reply to Office action of March 17, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A character transcoding method for transforming characters
5 encoded with a first character-encoding rule when input into a mobile phone, to
characters encoded with a second character-encoding rule, the method comprising
the following steps:
 - (a) inputting a document into the mobile phone, wherein the document comprises at
least one character;
 - 10 (b) checking a character-encoding rule of at least one character in the document to
determine whether the character-encoding rule of the checked character is the
second character-encoding rule; and
 - (c) transforming all the characters of the document to characters encoded with the
second character-encoding rule when the character-encoding rule of at least one
15 character in the document is if the checked character in the document is
eneeded with the first character-encoding rule; and
 - (d) outputting the characters of the document when the character-encoding rule of at
least one character in the document is the second character-encoding rule.
- 20 2. (original) The method of claim 1 wherein the mobile phone comprises a checking
module, in step (b) the character-encoding rule of at least one character in the
document being checked by the checking module.
- 25 3. (original) The method of claim 1 wherein the mobile phone comprises a
character-encoding rule reference table, in step (c) the characters in the document
being transformed to characters encoded with the second character-encoding rule
according to the character-encoding rule reference table.

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4. (original) The method of claim 1 wherein the mobile phone comprises a character encoding transforming module, in step (c) all the characters in the document being transformed to characters encoded with the second character-encoding rule by the character encoding transforming module.
- 5 5. (original) The method of claim 1 wherein the first character-encoding rule is a Big-5 encoding rule for Chinese characters.
- 10 6. (withdrawn) The method of claim 1 wherein the first character-encoding rule is a GB encoding rule for Chinese characters.
7. (withdrawn) The method of claim 1 wherein the first character-encoding rule is a HZ encoding rule for Chinese and ASCII characters.
- 15 8. (original) The method of claim 1 wherein the second character-encoding rule is a Unicode encoding rule.
9. (original) The method of claim 1 wherein the mobile phone comprises a display for displaying the transformed characters encoded with the second character-encoding rule.
- 20 10. (original) The method of claim 9 wherein the display is a liquid crystal display.
11. (original) The method of claim 1 wherein the document is an electronic mail.
12. (original) The method of claim 1 wherein the document is a short message for a short message service (SMS).

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13. (original) The method of claim 1 wherein the mobile phone comprises a plurality of pushbuttons, in step (a) the document being inputted into the mobile phone through the pushbuttons.
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14. (original) The method of claim 1 further comprising the following step:
in step (a), inputting the document through wireless communications.
15. (original) The method of claim 1 further comprising the following step:
10 after performing step (c), transmitting the document encoded with the second character-encoding rule to another mobile phone through wireless communications.
16. (withdrawn) The method of claim 1 wherein the first character-encoding rule is a
15 Unicode encoding rule.
17. (withdrawn) The method of claim 1 wherein the second character-encoding rule is a Big-5 encoding rule for Chinese characters.
- 20 18. (withdrawn) The method of claim 1 wherein the second character-encoding rule is a GB encoding rule for Chinese characters.
19. (withdrawn) The method of claim 1 wherein the second character-encoding rule is a
25 HZ encoding rule for Chinese and ASCII characters.